

REMARKS/ARGUMENTS

After the foregoing Amendment, claims 1, 6, and 34 are currently pending in this application. Claims 1, 6, and 34 are amended. New claims 35 and 36 are added.

Claim Rejection - 35 USC §102

Claim 34 is rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,056,106 to Wang (hereinafter "Wang I"). The Applicants respectfully disagree.

Wang I discloses a method using a spread-spectrum based radiolocation system using hand-held receiver units and fixed-position reference transmitters for determining distance and direction between a golfer and key locations on a golf course (see Abstract). The hand-held receiver receives pseudo-noise coded signals from a plurality of transmitters in order to determine a distance measurement on the course (see Figure 1 and column 4, lines 58-65). Each transmitter broadcasts at the same RF signal but a unique PN-coded sequence is assigned to each transmitter (see column 5, lines 32-36).

Each hand-held receiver is provided with a PN code epoch recovery processor for receiving the PN-modulated carriers of the transmitters. Then, a time difference measurement processor is used to determine the time difference between the local

code timing epoch and the received, tracked code epoch of the transmitted signals. Based on this information, a distance and direction determination processor determines the distance between a golfer and a particular target (see column 6, lines 12-22). Distance to a particular target is obtained using hyperbolic location techniques, based on the known coordinates of the transmitters, the known coordinates of the hole, the known coordinates of a fixed reference point for each hole, and the arrival time measurements obtained by the receiver by tracking the four selected transmitter signals (see column 7, lines 53-60).

Wang I fails to teach or suggest "transmitting location information from the subscriber unit over a spread spectrum signal to the communication network" as recited in the independent claims. Further, Wang I fails to teach or suggest the communication network providing a location service using the location information as recited in the independent claims.

Based on the arguments presented above, withdrawal of the §102(b) rejection of claim 34 is respectfully requested.

Claim Rejections - 35 USC §103

Claims 1 and 6 are rejected under 35 U.S.C. §103(a) as being unpatentable over Wang I in view of U.S. Patent No. 5,912,644 to Wang (hereinafter "Wang II"). The Applicants respectfully disagree.

Applicant: Bolgiano et al.
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Wang II has a priority date of August 5, 1997. The above-identified application has a priority date of September 6, 1994.

Accordingly, it is believed that Wang II is improperly applied in the outstanding action because Wang II fails to predate the priority date of the above-identified application. The withdrawal of the §103(a) rejection of claims 1 and 6 is respectfully requested.

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Conclusion

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephonic interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

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Enclosure